

Work Order ID 92037

October-19-12 2:43:47 PM

92037

Page 1

Item ID: 646.9501

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: 206 Cable Cutter, High

Stop

NS2

Start Date: 19/10/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 02/11/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: MLJDate: 12-10-19

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
646.9500	N/C	<i>JB</i>							
100 *100* DC	DOCUMENT CONTROL Document Control	0.00	DAS 27 9-89						
	Memo Photocopy bluefile & type labels per PPP 646.9501		<i>B94</i>						
110 *110* Packaging Packaging	Pick Kit Memo	0.00							<i>13-09-03 JB SPO</i>
120 *120* QC Quality Control	QC4- 100% Inspect kits for completeness Memo	0.00	DAS 27 9-89						<i>B94</i>

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Date:

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>				
Part No. _____											
NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear			General								
Bending			Bend	Grain		Ovalized	Pressure/Forced				
Centre Not Concentric to O/S			BOM/Route	Hardware		Over/Under tolerance	Temperature/Cure				
Cracks			Broken/Damaged	Inspection Incomplete		Part Incorrect	Weld				
Crushed/Crimped.			Burrs	Instructions Incomplete/Unclear		Part Lost/Missing	Wrong Stock Pulled				
Cuffs			Contamination	Maintenance		Part Moved					
Heat Treat			Countersink	Mislabeled		Positioned Wrong					
Inspection Strip in Tube			Cut Too Short	Misread		Power Loss/Surge					
Ripples in Bend			Drill Holes	Offset							
Torque Waves in Extrusion			Drawing	Out of Calibration							
Turning Sequence			Finish	Out of Sequence							
Wave/Twist in Tube			Folio	Outside Dimensions							

Work Order ID 92037

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92037

Page 2

Item ID: 646.9501

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: 206 Cable Cutter, High

Stop

NS2Start Date: 19/10/2012 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 02/11/2012 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	*NR1*
						Stop	*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP 646.9501 Location: <u>F6 092</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140	Memo	0.00							
QC									
Quality Control									

*J/RM 13/09/26**N130924*

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled							

Picklist Print

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Work Order ID: 92037

92037
646 9501

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

Start Date: 19/10/2012

Required Date: 02/11/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.08.28 NEW ISSUE DD VERF;JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
646.9601 *646 9601* Upper Cutter Assembly		Manufactured	No			110	Each	0.0000	1	1	91283	JB	SP
646.9602 *646 9602* Lower Cutter Assembly, High		Manufactured	No			110	Each	0.0000	1	1	91288	JB	SP
646.9810 *646 9810* Deflector		Manufactured	No			110	Each	0.0000	1	1	104445	JB	SP
647.0210 *647 0210* Rail		Manufactured	No			110	Each	0.0000	1	1	91440	JB	SP
647.0110 *647 0110* Roof Doubler		Manufactured	No			110	Each	0.0000	1	1	89703	JB	SP
647.0310 *647 0310* Channel		Manufactured	No			110	Each	0.0000	2	2	90502	JB	SP
646.9910 *646 9910* Strut		Manufactured	No			110	Each	0.0000	4	4	104216	JB	SP
647.0112 *647 0112* Strut Bracket		Manufactured	No			110	Each	0.0000	8	8	4X B92065 4X B91792	13-09-03	SP

NCR: Yes / No

DQA: Date:

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date:

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other			
Part No. _____										
NCR No. _____										
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
Landing Gear			General							
Bending	Bend		Grain		Ovalized		Pressure/Forced			
Centre Not Concentric to O/S	BOM/Route		Hardware		Over/Under tolerance		Temperature/Cure			
Cracks	Broken/Damaged		Inspection Incomplete		Part Incorrect		Weld			
Crushed/Crimped.	Burrs		Instructions Incomplete/Unclear		Part Lost/Missing		Wrong Stock Pulled			
Cuffs	Contamination		Maintenance		Part Moved					
Heat Treat	Countersink		Mislabeled		Positioned Wrong					
Inspection Strip in Tube	Cut Too Short		Misread		Power Loss/Surge					
Ripples in Bend	Drill Holes		Offset							
Torque Waves in Extrusion	Drawing		Out of Calibration							
Turning Sequence	Finish		Out of Sequence							
Wave/Twist in Tube	Folio		Outside Dimensions							

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Work Order ID: 92037

92037
646 9501

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

Start Date: 19/10/2012

Start Qty: 1.00

Required Date: 02/11/2012

Required Qty: 1.00

647.0113

~~*647 0113*~~

Shp

Manufactured

No

110

Each

0.0000

** 2 2
126249 - 20

SP

Strut Doubler

647.0111

~~*647 0111*~~

Shp

Manufactured

No

110

Each

0.0000

** 1
89763 - 20

SP

Panel

647.0116

~~*647 0116*~~

Shp

Manufactured

No

110

Each

0.0000

** 2 2
89699 - 20

SP

Doubler

647.0410

~~*647 0410*~~

Shp

Manufactured

No

110

Each

0.0000

** 1 1
90491 - 20

SP

Tube

647.0114

~~*647 0114*~~

Shp

Manufactured

No

110

Each

0.0000

** 1 1
126249 - 20

SP

Clip

647.0115

~~*647 0115*~~

Shp

Manufactured

No

110

Each

0.0000

** 1 1
126249 - 20

SP

Clip

NAS1149FN832P

~~*NAS1149FN832P*~~

Shp

Purchased

No

110

Each

523.0000

** 111 111
123900 - 20

SP

Washer

Location	Loc Qty	Loc Code
275	198	
122441	198	
ST275	125	
115158	125	
ST294	200	
123352	200	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
Landing Gear				General						
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio						
				<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge						
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled						
				<input type="checkbox"/> Other						

Picklist Print

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Work Order ID: 92037

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

92037
646 9501

Start Date: 19/10/2012

Start Qty: 1.00

Required Date: 02/11/2012

Required Qty: 1.00

NAS1149F0332P

Purchased

No

110

Each

1,274.000

62 62

**

123900 20

SP

NAS1149F0332P

WASHER

Shd

Location	Loc Qty	Loc Code
----------	---------	----------

275	298	
122441	298	
ST275	776	
117735	13	
119225	8	
121259	138	
121825	14	
122063	600	
17317	3	
ST295	200	
123352	200	

AN3-11A

Purchased

No

110

Each

346.0000

8

**

123759 20 SP

Bolt

Shd

Location	Loc Qty	Loc Code
----------	---------	----------

ST351	346	
110865	46	
115457	100	
123352	200	

MS21042-3

Purchased

No

110

Each

500.0000

17

**

20 13-09-23

MS21042-3
USE MS21042L3

Shd

Location	Loc Qty	Loc Code
----------	---------	----------

ST315	500	
123352	500	

123352

NCR: Yes / No

DOA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS								
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other						
Part No. _____ NCR No. _____													
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector				
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved													
FAULT CATEGORY													
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <hr/> <hr/> <hr/>		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <hr/> <hr/> <hr/>	

Picklist Print

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Work Order ID: 92037

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

92037
646 9501

Start Date: 19/10/2012

Start Qty: 1.00

Required Date: 02/11/2012

Required Qty: 1.00

CCR264SS-3-06

Purchased

No

110

Each

100.0000

8
**

8

JB

SP

CCR264SS-3-06

RIVET

SMB

Location

ST327 100

123023 100

Loc Qty

Loc Code

MS21059L08

Purchased

No

110

Each

1,282.000

4
**

123023

4

124093 JB SP

MS21059L08

Nut

SMB

Location

ST300 7

112314 7

ST314 400

123265 400

ST316 875

123100 775

123352 100

Loc Qty

Loc Code

CR3213-4-05

Purchased

No

110

Each

738.0000

26
**

26

13-09-03

CR3213-4-05

cherry rivet

SMR

Location

ST328 600

123301 600

ST331 138

108473 38

108991 100

Loc Qty

Loc Code

123301

SP

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
Part No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
NCR No. _____			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
Bending	<input type="checkbox"/>	Bend	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Ovalized	<input type="checkbox"/>	Pressure/Forced			
Centre Not Concentric to O/S	<input type="checkbox"/>	BOM/Route	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Over/Under tolerance	<input type="checkbox"/>	Temperature/Cure			
Cracks	<input type="checkbox"/>	Broken/Damaged	<input type="checkbox"/>	Inspection Incomplete	<input type="checkbox"/>	Part Incorrect	<input type="checkbox"/>	Weld			
Crushed/Crimped.	<input type="checkbox"/>	Burrs	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Part Lost/Missing	<input type="checkbox"/>	Wrong Stock Pulled			
Cuffs	<input type="checkbox"/>	Contamination	<input type="checkbox"/>	Maintenance	<input type="checkbox"/>	Part Moved	<input type="checkbox"/>				
Heat Treat	<input type="checkbox"/>	Countersink	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	Positioned Wrong	<input type="checkbox"/>				
Inspection Strip in Tube	<input type="checkbox"/>	Cut Too Short	<input type="checkbox"/>	Misread	<input type="checkbox"/>	Power Loss/Surge	<input type="checkbox"/>	Other			
Ripples in Bend	<input type="checkbox"/>	Drill Holes	<input type="checkbox"/>	Offset	<input type="checkbox"/>		<input type="checkbox"/>				
Torque Waves in Extrusion	<input type="checkbox"/>	Drawing	<input type="checkbox"/>	Out of Calibration	<input type="checkbox"/>		<input type="checkbox"/>				
Turning Sequence	<input type="checkbox"/>	Finish	<input type="checkbox"/>	Out of Sequence	<input type="checkbox"/>		<input type="checkbox"/>				
Wave/Twist in Tube	<input type="checkbox"/>	Folio	<input type="checkbox"/>	Outside Dimensions	<input type="checkbox"/>		<input type="checkbox"/>				

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Work Order ID: 92037

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

92037

646 9501

Start Date: 19/10/2012

Start Qty: 1.00

Required Date: 02/11/2012

Required Qty: 1.00

CR3213-4-6

Purchased

No

110

Each

400.0000

20 20

**

CR3213-4-6
rivet

Sh

Location	Loc Qty	Loc Code
ST329	400	
123301	400	

-7 x m126320

CR3213-4-4

Purchased

No

110

Each

410.0000

19 19

**

CR3213-4-4
RIVET

Sh

Location	Loc Qty	Loc Code
ST328	400	
123301	400	
ST331	10	
104291	10	

123301 13x

123785

JB

PP

CR3213-4-2

CR3213-4-2
Cherry Rivet

Purchased

No

110

Each

1,019.0000

18 18

**

JB

13-09-03

Sh

Location	Loc Qty	Loc Code
ST328	1000	
123301	1000	123301
ST331	19	
113288	19	

Sh

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other				
Part No. _____											
NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear			General								
Bending	Bend	Grain	Ovalized	Pressure/Forced,							
Centre Not Concentric to O/S	BOM/Route	Hardware	Over/Under tolerance	Temperature/Cure							
Cracks	Broken/Damaged	Inspection Incomplete	Part Incorrect	Weld							
Crushed/Crimped.	Burrs	Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled							
Cuffs	Contamination	Maintenance	Part Moved								
Heat Treat	Countersink	Mislabeled	Positioned Wrong								
Inspection Strip in Tube	Cut Too Short	Misread	Power Loss/Surge								
Ripples in Bend	Drill Holes	Offset									
Torque Waves in Extrusion	Drawing	Out of Calibration									
Turning Sequence	Finish	Out of Sequence									
Wave/Twist in Tube	Folio	Outside Dimensions									

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Work Order ID: 92037

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

92037
646 9501

Start Date: 19/10/2012

Start Qty: 1.00

Required Date: 02/11/2012

Required Qty: 1.00

CR3213-4-3

Purchased No 110 Each 1,050.000

08 18

**

126320



Cherry Rivet

Sh/B

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST328	1000	
123301	1000	
ST331	50	
116583	6	
118503	4	
120910	10	
121243	30	

MS21047-3

Purchased No 110 Each 125.0000

6

**

125535



NUT PLATE

Sh/B

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST316	125	
123268	50	
123301	50	
123352	25	

MS21042-08

Purchased No 110 Each 142.0000

54

**

123525

13-08-28

USE MS21042L08

Sh/B

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST300	42	
103668	42	
ST316	100	
123352	100	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS															
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Machining <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/>	Quality <input type="checkbox"/>	Other <input type="checkbox"/>
Part No. _____																					
NCR No. _____																					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description			Sign & Date	Verification	QC Inspector									
Doc/Data																					
Equip/Tooling																					
Operator																					
Material																					
Setup																					
Other																					
Process																					
Supplier																					
Training																					
Unapproved																					
FAULT CATEGORY																					
Landing Gear				General																	
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio				<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions													
								<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge					<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled								
													<input type="checkbox"/> Other								

Picklist Print

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Page 7

Work Order ID: 92037

92037
646 9501

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

Start Date: 19/10/2012

Required Date: 02/11/2012

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-13

Purchased

No

110

Each

392.0000

6

MS27039-08-13

Screw

Shb

** 6
23

MS21059-3

Purchased

No

110

Each

250.0000

2

MS21059-3

Nut Plate

Shb

123352
2
23
2B

AN743-13

Purchased

No

110

Each

20.0000

1

AN743-13

BRACKET

Shb

123301
1
23
2B 13-08-28

Location

Loc Qty

Loc Code

ST316

250

123023

50

123301

200

ST324

8

121825

8

ST347

10

123352

10

ST348

2

120242

2

123352

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
Part No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
NCR No. _____			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
				Bending <input type="checkbox"/>	Grain <input type="checkbox"/>	Ovalized <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>				
				Centre Not Concentric to O/S <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>				
				Cracks <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Weld <input type="checkbox"/>				
				Crushed/Crimped. <input type="checkbox"/>	Burrs <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>				
				Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Part Moved <input type="checkbox"/>					
				Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>					
				Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>				
				Ripples in Bend <input type="checkbox"/>	Drill Holes <input type="checkbox"/>						
				Torque Waves in Extrusion <input type="checkbox"/>	Drawing <input type="checkbox"/>						
				Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>						
				Wave/Twist in Tube <input type="checkbox"/>	Folio <input type="checkbox"/>						

Picklist Print

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Page 8

Work Order ID: 92037

92037
646 9501

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

Start Date: 19/10/2012

Start Qty: 1.00

Required Date: 02/11/2012

Required Qty: 1.00

AN3-3A

AN3-3A

Bolt

Purchased

No

110

Each

355.0000

1

**

125709-78

88

Shb

Location

Loc Qty

Loc Code

ST350

355

122416

55

122800

200

123352

100

CCR264SS3-04

Purchased

No

110

Each

646.0000

12

**

JB

88

CCR264SS3-04

RIVET

Shb

Location

Loc Qty

Loc Code

ST327

200

123352

200

ST331

446

17997

446

17997

CR3212-5-4

Purchased

No

110

Each

368.0000

8

**

JB

13-08-28

CR3212-5-4

Cherry Rivet

Shb

Location

Loc Qty

Loc Code

ST328

200

123301

200

ST330

168

120308

68

120410

100

120308

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other				
Part No. _____ NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

Picklist Print

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Work Order ID: 92037

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

92037
646 9501

Start Date: 19/10/2012

Start Qty: 1.00

Required Date: 02/11/2012

Required Qty: 1.00

CCR264SS3-2

Purchased

No

110

Each

154.0000

CCR264SS3-2

Rivet, Cherry

SmB

** 4 4
124876 JB 81

NAS1835-08

Purchased

No

110

Each

50.0000

NAS1835-08

Insert

SmB

** 4 4
JB 81

CR3213-4-1

CR3213-4-1

Cherry Rivet

SmP

** 14 14
JB 13-08-28

Location	Loc Qty	Loc Code
ST331	154	
106578	104	
108738	2	
112314	48	

Location	Loc Qty	Loc Code
ST298	50	
123055	40	
123078	10	

Location	Loc Qty	Loc Code
ST328	400	
123301	400	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS							
			<input type="checkbox"/> Rework	<input type="checkbox"/> Skid-tube	<input type="checkbox"/> Crosstube	<input type="checkbox"/> Water Jet	<input type="checkbox"/> Engineering						
			<input type="checkbox"/> Scrap	<input type="checkbox"/> Machining	<input type="checkbox"/> Small Fab	<input type="checkbox"/> Prod. Eng. Coor.	<input type="checkbox"/> Quality						
			<input type="checkbox"/> Use-as-is	<input type="checkbox"/> Thermoforming	<input type="checkbox"/> Finishing	<input type="checkbox"/> Rec/Store/Packaging	<input type="checkbox"/> Other						
			<input type="checkbox"/> Work Order Update	<input type="checkbox"/> Large Fab	<input type="checkbox"/> Composite	<input type="checkbox"/> Supplier							
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector				
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved													
FAULT CATEGORY													
Landing Gear * <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <hr/> <hr/> <hr/>		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <hr/> <hr/> <hr/>	

Picklist Print

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Page 10

Work Order ID: 92037

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

92037
646 9501

Start Date: 19/10/2012

Start Qty: 1.00

Required Date: 02/11/2012

Required Qty: 1.00

MS27039-1-08

Purchased

No

110

Each

1,196.000

MS27039-1-08

Screw

5
125654 JB

Sh

Location	Loc Qty	Loc Code
----------	---------	----------

308	168	
122452	168	
ST291	672	
117423	71	
119075	1	
120308	44	
121011	43	
121243	500	
121708	13	
ST305	356	
123265	356	

647.1210

Manufactured

No

110

Each

18.0000

647-1210

Screen

Sh

1
1
JD
SP

Location	Loc Qty	Loc Code
----------	---------	----------

ST438	18	
91438	18	

MS35842-11

Purchased

No

110

Each

8.0000

MS35842-11

Hose Clamp

Sh

91438
1
1
JD
13-08-28

Location	Loc Qty	Loc Code
----------	---------	----------

ST290A	8	
123023	8	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS								
			Rework Scrap Use-as-is Work Order Update		Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other					
Part No. _____ NCR No. _____													
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector				
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved													
FAULT CATEGORY													
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other			

Picklist Print

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Work Order ID: 92037

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

92037
646 9501

Start Date: 19/10/2012

Start Qty: 1.00

Required Date: 02/11/2012

Required Qty: 1.00

MS27039-08-11

Purchased

No

110

Each

646.0000

MS27039-08-11
Screw

43
43
**

125654 JB

SP

Location	Loc Qty	Loc Code
309	100	
122441	100	
ST292	46	
120833	46	
ST307	500	
123352	500	

MS27039-08-06

Purchased

No

110

Each

100.0000

MS27039-08-06
Screw

4
4
**

JB

SP

Location	Loc Qty	Loc Code
ST293	100	
117065	100	

MS27039-08-09

Purchased

No

110

Each

51.0000

MS27039-08-09
Screw

4
4
**

117065

125654 JB

SP

Location	Loc Qty	Loc Code
Mezz	51	
11187	51	
Mezz	31	
1850	31	
ST307	100	
123352	100	

MS27039-08-12

Purchased

No

110

Each

131.0000

MS27039-08-12
Screw

2
2
**

123900 JB 13-08-28

SP

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS									
			Rework Scrap Use-as-is Work Order Update	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Skid-tube Machining Thermoforming Large Fab	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Crosstube Small Fab Finishing Composite	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Engineering Quality Other			
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector				
Doc/Data														
Equip/Tooling														
Operator														
Material														
Setup														
Other														
Process														
Supplier														
Training														
Unapproved														
FAULT CATEGORY														
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	

Picklist Print

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Work Order ID: 92037

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

92037
646 9501

Page 12

Start Date: 19/10/2012

Start Qty: 1.00

Required Date: 02/11/2012

Required Qty: 1.00

MS27039-1-11

Purchased

No

110

Each

137.0000

5

MS27039-1-11

Screw

Shb

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
Mezz	37	
9662	37	
ST305	100	
123352	100	

CR3212-4-4

Purchased

No

110

Each

200.0000

1

CR3212-4-4

Cherry Rivet

Shb

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST328	200	
123346	200	

MS24694-S8

Purchased

No

110

Each

200.0000

5

MS24694-S8

Screw

Shb

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST302	200	
123348	100	
123352	100	

AN3-10A

Purchased

No

110

Each

251.0000

8

AN3-10A

Bolt

Shb

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST351	251	
120873	17	
122800	234	

647.5701

Manufactured

No

110

Each

0.0000

1

647 5701

GPS Mount

Shb

October-19-12 2:43:51 PM

Shop Packet Print

Page 12

13-08-28

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS														
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Machining <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/>	Quality <input type="checkbox"/>	Other <input type="checkbox"/>
Part No. _____			Work Order Update <input type="checkbox"/>																	
NCR No. _____																				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description			Sign & Date	Verification	QC Inspector								
Doc/Data <input type="checkbox"/>																				
Equip/Tooling <input type="checkbox"/>																				
Operator <input type="checkbox"/>																				
Material <input type="checkbox"/>																				
Setup <input type="checkbox"/>																				
Other <input type="checkbox"/>																				
Process <input type="checkbox"/>																				
Supplier <input type="checkbox"/>																				
Training <input type="checkbox"/>																				
Unapproved <input type="checkbox"/>																				
FAULT CATEGORY																				
Landing Gear				General																
				<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain	<input type="checkbox"/> Ovalized	<input type="checkbox"/> Pressure/Forced												
				<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware	<input type="checkbox"/> Over/Under tolerance	<input type="checkbox"/> Temperature/Cure												
				<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete	<input type="checkbox"/> Part Incorrect	<input type="checkbox"/> Weld												
				<input type="checkbox"/> Crushed/Crimped.	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Part Lost/Missing	<input type="checkbox"/> Wrong Stock Pulled												
				<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Part Moved													
				<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Positioned Wrong													
				<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread	<input type="checkbox"/> Power Loss/ Surge													
				<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset														
				<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration														
				<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence														
				<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions														

Picklist Print

October-19-12 2:43:51 PM

Page 13

Work Order ID: 92037

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutter, High

92037
646 9501

Start Date: 19/10/2012

Start Qty: 1.00

Required Date: 02/11/2012

Required Qty: 1.00

600.0990 *600 0990* Magnabond 6398 Part A (One 4 oz can)	Purchased <i>Sh</i>	No	110	Each	0.0000	1 ** 126215 JB 181
600.0991 *600 0991* Magnabond 6398 Part B (One 4 oz can)	Purchased <i>Sh</i>	No	110	Each	0.0000	1 ** 126215 JB 181
600.1012 *600 1012* Sealant (One 6 oz Semkit)	Purchased <i>Sh</i>	No	110	Each	0.0000	1 ** 126248 JB 13-08-28

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other				
Part No. _____ NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

SM

REFERENCE ONLY

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO.				02729	SHEET 1 OF 3			
	DWG NO.	646.9500	REV:N/C	PREPARED BY	S. HUFF	DATE: 12/23/09	EFFECT ON DWG		
	DWG TITLE:				206 CABLE CUTTERS KIT			<input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	APPROVED BY:	ENGR <i>JJ Tamm</i>	MFG <i>Daniel Tamm</i>	QC <i>Mark Flynn</i>	EFF: CURRENT ORDER				
TRANSACTION CODES (TC)		REASON: HARDWARE REVISIONS FROM FIRST INSTALL							
A-ADD	C-CREATE	R-REVISE	D-DELETE						

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL/SPECIFICATION		
DOCUMENTS EFFECTED:		<input type="checkbox"/> MDL	<input checked="" type="checkbox"/> INSTALL INSTRUC	<input checked="" type="checkbox"/> ICA	<input type="checkbox"/> FMS	<input checked="" type="checkbox"/> BOM	CHANGE CATEGORY
							<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR
							DER REVIEW REQUIRED
							<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
51	A	601.3155	8	8 BOLT	AN3-10A		
50	A	601.3153	5	5 SCREW	MS24694S8		
41	R	601.2893	43	43 SCREW	MS27039-0811		
28	R	601.2973	54	54 LOCKNUT	MS21042-08		
18	R	601.2826	8	8 BOLT	AN3-11A		
16	R	601.2764	127	127 WASHER	NAS1149FN832P		
			9502	9501			

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02736				SHEET 1 OF 1		
	DWG NO. 646.9500		REV:N/C	PREPARED BY S. HUFF	DATE: 01/06/10		EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: 206 CABLE CUTTERS KIT						
	APPROVED BY:	ENGR: <i>P. Brown</i>	MFG: <i>Daniel Jones</i>	QC: <i>Mark Lyon</i>	EFF: CURRENT ORDER		
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE		REASON: CORRECTED PARTS LIST ERRORS					

REFERENCE ONLY

JL

17	R	601.1607	62	62	WASHER	NAS1149F0332P
16	R	6012764	111	111	WASHER	NAS1149FN832P
		9502	9501			
F/N	TC	PART NUMBER	QTY	DESCRIPTION		MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED:			<input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM		CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

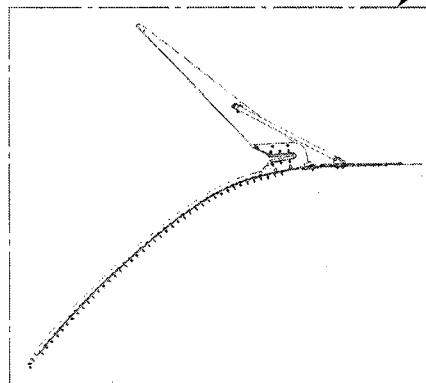
SM³

REFERENCE ONLY

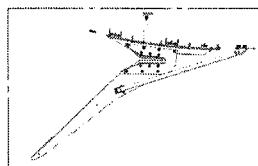
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NOTES:

 AFTER INSTALLATION, APPLY F/N 46 A/R TO FILL GAPS AND FILLET EDGES



— DETAIL A



DETAIL

I	J	K	L	M	N	O	P
1	1	49	601.1066	RIVET	2932124-4		
1	1	48	600.0991	MAGNOBOND AS9A PART B			
1	1	49	600.0990	MAGNOBOND AS9A PART A			
1	1	46	601.1012	SEALANT	56-1425 CLASS 1		
5	5	45	601.1194	SCREW	MS22032-1-1		
2	2	46	601.2989	SCREW	MS22039-1012		
4	4	43	601.2987	SCREW	MS22039-0809		
4	4	42	601.3000	SCREW	MS22039-0006		
100	5501-FIND			Part #	DESCRIPTION	Matl.	Spec.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
L00	LAST PROTOTYPE REVISION- PRC	02/21/09	EPC
INC	INITIAL RELEASE	02/21/09	F. BIAVO

UNINCORPORATED ECN(S)

02729, 02734, D3043

47	47	41	301.2893	SCREW	M520104-0311
1	1	40	601.2982	HOSE CLAMP	M535842-11
1	1	39	647.1210	SCREEN	
5	5	38	601.1621	SCREW	MS2105-04
14	14	37	601.2979	RIVET	CP5134-1
4	4	36	601.2984	INSERT	MS1835-05
4	4	35	601.2227	RIVET	CP5134-03-02
8	8	34	601.2983	RIVET	CP5121-2-4
12	12	33	601.2980	NUTPLATE RIVET	CP2440-04
1	1	32	601.2822	BOLT	AN20-3A
1	1	31	601.2985	BRACKET	MS1745-13
2	2	30	601.1900	NUTPLATE	MS2105-03
6	6	29	601.2988	SCREW	MS2105-03-03
53	53	28	601.2973	LOCKNUT	MS2104-08
6	6	27	600.0795	NUTPLATE	MS2105-03
18	18	26	601.0790	RIVET	CP5134-1
18	18	25	601.1039	RIVET	CP5134-2
19	19	24	601.1915	RIVET	CP5134-3
20	20	23	601.2991	RIVET	CP5134-4
26	26	22	601.2183	RIVET	CP5134-5
4	4	21	601.2356	NUTPLATE	MS2105P03
8	8	20	601.2981	NUTPLATE RIVET	CP2440-03-03
17	17	19	601.2943	LOCKNUT	MS2104-08
16	16	18	601.2826	BOLT	AN20-11A
46	46	17	601.1807	WASHER	MS2105-03-03
114	114	16	601.2764	WASHER	MS2104FN03P
1	1	15	647.0115	CLIP	
1	1	14	647.0114	CLIP	
1	1	13	647.0410	TUBE	
2	2	12	647.0116	DOUBLER	
1	1	11	647.0111	PANEL	
2	2	10	647.0113	STRUT DOUBLER	
8	8	9	647.0125	STRUT BRACKET	
4	4	8	646.9918	STRUT	
2	2	7	647.0310	CHANNEL	
1	1	6	647.0110	ROOF DOUBLER	
1	1	5	647.0210	RAIL	
1	1	4	646.9810	DEFLECTOR	
1	1	3	646.9503	LOWER CUTTER ASSY LOW	
	2	2	646.9502	UPPER CUTTER ASSY HIGH	
1	1	1	646.9501	UPPER CUTTER ASSY	
			646.9502	206 CABLE CUTTERS HIGH	
			646.9501	206 CABLE CUTTERS MEDIUM	
5502	*861	OND #	PART #	DESCRIPTION	MATL
QTY					SPEC.
PARTS LIST					
NEXT ASSY (S)					
DRAWING DATE: 05-04-02 DRAWN BY: CHECKED DRAFT NO: D-04-01 REVIEW APPROVED: B 05-04-02 COMPLETED:					
APICAL INDUSTRIES 2605 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300					
206 CABLE CUTTERS KIT					
SEE	CAGE CODE	Dwg No	REV. N/C		
6	DPMX	646.9500	SHEET 1 OF 3		
SCALE NONE					